

**What is claimed is:**

1. A ground terminal comprising:

a ground terminal body having a pick-up portion picked up by a mounter and having a first end edge portion formed  
5 with a semicircular notch; and

a connection portion formed in at least either one of a second end edge portion and first and second side edge portions of the ground terminal body.

2. The ground terminal according to claim 1, wherein  
10 the first and second side edge portions of the ground terminal body extend in a direction away from the second end edge portion beyond a center of a semicircle that defines a semicircular region of the semicircular notch formed in the ground terminal body as viewed in a  
15 longitudinal direction of the ground terminal body.

3. The ground terminal according to claim 1, wherein the second end edge portion of the ground terminal body is formed with a plurality of connection portions so as to be spaced apart from one another in a width direction of the  
20 ground terminal body.

4. The ground terminal according to claim 1, wherein a plurality of connection portions are formed in at least one of the first and second side edge portions of the ground terminal body so as to be spaced from one another in  
25 a longitudinal direction of the ground terminal body.

5. The ground terminal according to claim 1, wherein one or more connection portions are formed in each of the second end edge portion and the first and second side edge portions of the ground terminal body.

30 6. The ground terminal according to claim 3, wherein the first and second end edge portions of the ground terminal body extend in a direction perpendicular to a longitudinal axis of the ground terminal body.

7. The ground terminal according to claim 3, wherein at least one of the first and second end edge portions obliquely extends with respect to a longitudinal axis of the ground terminal body.

5        8. The ground terminal according to claim 1, wherein a plurality of recesses serving as connection portions are formed in at least either of the second end edge portion and the first and second side edge portions of the ground terminal body.

10       9. The ground terminal according to claim 1, wherein a distal end portion of the connection portion is formed into a triangular shape which is convex upward.

10. A printed board having first and second side edge portions respectively fitted into guide grooves formed in  
15 inner side faces of first and second guide rails and adapted to be transported along the first and second guide rails and positioned at a predetermined part mounting position, comprising:

20       a connection portion formed on a side of the printed board remote from the first side edge portion with respect to a mounting hole that is formed at the first side edge portion on a side close to the first guide rail and that has a function of a positioning hole; and

25       a ground terminal mounted in the printed board, the ground terminal comprising a ground terminal body having a pick-up portion picked up by a mounter and a first edge portion thereof extending along the first side edge portion of the printed board and formed with a semicircular notch, and a connection portion formed in at least either of a  
30 second end edge portion and first and second side edge portions of the ground terminal body,

wherein the first and second side edge portions of the ground terminal body extend toward a side remote from the

second end edge portion beyond a center of a semicircle that defines a semicircular region of the semicircular notch formed in the ground terminal body in a longitudinal direction of the ground terminal body,

5       the semicircular notch of the ground terminal body is aligned with the mounting hole of the printed board,

      the ground terminal body has that end face on a side close to the first end edge portion which defines a gap between itself and the inner side face of the first guide  
10 rail, and

      the connection portion of the ground terminal is connected to the connection portion of the printed board.

11. A method for mounting a ground terminal to a printed board, comprising the steps of:

15       (a) preparing a ground terminal comprising a ground terminal body having a pick-up portion picked up by a mouter and a first end edge portion formed with a semicircular notch, and a connection portion formed in at least either of a second end edge portion and first and  
20 second side edge portions;

      (b) preparing a printed board having a first side edge portion formed with a mounting hole having a function of a positioning hole and a connection portion formed on a side remote from the first side edge portion with respect to the  
25 mounting hole;

      (c) transporting the printed board along first and second guide rails with the first side edge portion and a second side edge portion respectively engaged with the first and second guide rails and positioning the printed  
30 board at a predetermined part mounting position;

      (d) moving the ground terminal picked up by the mouter in a direction close to the mounting hole of the printed board with the semicircular notch directed to the

first guide rail, and placing the ground terminal on the printed board, with the semicircular notch of the ground terminal aligned with a corresponding semicircular region of the mounting hole of the printed board; and

- 5       (e) connecting the connection portion of the ground terminal to the connection portion of the printed board.

12. The mounting method according to claim 11, further comprising a step of:

- 10       (f) fixing the ground terminal and the printed board using a screw that is inserted through the semicircular notch of the ground terminal and the mounting hole of the printed board and that is threadedly engaged with a tapped hole of a chassis.